



Medical Physics Division, Mangalore University

REPORT ON

Refresher Course in Medical Physics

October 28 – 29, 2023

The Medical Physics Division, the Centre for Application of Radioisotopes and Radiation Technology (CARRT), and the Centre for Advanced Research in Environmental Radioactivity (CARER) have jointly organised a refresher course in medical physics in association with the College of Medical Physics of India (CMPI) and Medical Physicists of India (AMPI) during October 28-29, 2023. About 80 participants (Medical Physicists) from reputed institutions and hospitals participated in the course. The objective of the course was to train the medical physicists, who in their early professional career, on how to prepare for the Radiological Safety Officer (RSO) exam conducted by Atomic Energy Regulatory Board (AERB), Government of India.

The inaugural ceremony of the refresher course was held on October 28, 2023 at 09:30 am. Dr. S. D. Sharma, Head, Medical Physics Section, Radiological Physics & Advisory Division (RP&AD), Bhabha Atomic Research Centre (BARC), and President, Association of Medical Physicists of India (AMPI) inaugurated the refresher course. Dr. Kamalaksha Shenoy, Head, Radiation Oncology, A. J. Hospital and Research Centre, Mangalore; Dr. M. Ravi Kumar, Sri Shankara Cancer Hospital & Research Centre, Bengaluru were the dignitaries for the programme. Prof. Karunakara N, Coordinator, Medical Physics Division, Mangalore University and Coordinator of the refresher course was also present.



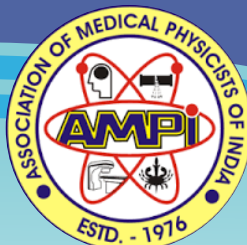
Inauguration of the refresher course in medical physics by Dr. S. D. Sharma

Eminent experts in radiotherapy, radiation protection, treatment planning, radiation sources, radiotherapy instrument, etc., delivered scholarly lectures. The details of the talks are listed below:

Day/ Date	Time and Topic	Resource Person
Day 1 28.10.2023	10:30 am – 11:30 am Reference Dosimetry of Photon and Electron Beams	Dr. S. D. Sharma Bhabha Atomic Research Centre (BARC), Mumbai
	11:30 am – 12:30 pm Cross calibration of parallel-plate ionization chambers	Dr. T. Ganesh Formerly with AIIMS and Manipal Hospital, New Delhi
	02:00 pm – 02:30 pm About RSO exam – changed pattern	Dr. S. D. Sharma Bhabha Atomic Research Centre (BARC), Mumbai
	02:30 pm – 03:30 pm Planning and safety aspects in Nuclear Medicine and radiology department	Dr. J. Velmurugan Anna University, Chennai
	03:30 pm – 04:30 pm Commissioning and QA of Treatment Planning System	Dr. Saju Bhasi Regional Cancer Centre, Trivandrum
	04:45 pm – 05:45 pm Planning of Radiotherapy facility	Dr . Niyas Puzhakkal MVR Cancer Centre & Research Institute, Calicut
Day 2 29.10.2023	09:00 am – 10:00 am Quality Assurance of Linear Accelerator	Dr. Saju Bhasi Regional Cancer Centre, Trivandrum
	10:00 am – 11:00 am Implementation of Patient specific QA	Dr. M. Ravi Kumar Sri Shankara Cancer Hospital & Research Centre, Bangaluru
	11:30 am – 12:30 pm Source Calibration and dose calculation in Brachytherapy	Dr. Sathish Kumar Christian Medical College & Hospital, Vellore
	02:00 pm – 03:00 pm AERB Regulatory Requirement before, during and after radiotherapy practice	Dr. Challapalli Srinivas Kasturba Medical College, MAHE
	03:00 pm – 04:00 pm Dose calculation algorithms for photon beams	Dr. T. Ganesh Formerly with AIIMS and Manipal Hospital, New Delhi

PHOTOGRAPHS





MANGALORE UNIVERSITY

Medical Physics Division, Mangalore University

College of Medical Physics of India (CMPI)

and

Association of Medical Physicists of India (AMPI)

Cordially invite you to the inauguration of the

REFRESHER COURSE IN MEDICAL PHYSICS

by

Dr. S. D. Sharma Ph.D.

Head, Medical Physics Section

Radiological Physics & Advisory Division (RP&AD)

Bhabha Atomic Research Centre (BARC) &

President, Association of Medical Physicists of India (AMPI)

Prof. Kamalaksha Shenoy K. MD, DNB, DMRT

Head, Radiation Oncology

A. J. Hospital and Research Centre, Mangalore

will be the Guest of Honour

Shri. Raju K. KAS

Registrar, Mangalore University

will preside

at 09:30 am, October 28, 2023

Rajarshi Dr. D. Veerendra Heggade Seminar Hall

Mangalore University, Mangalagangothri

Dr. M. Ravi Kumar

Convener of the Refresher Course

Sri Shankara Cancer Hospital & Research Centre,

Bangaluru

Prof. Karunakara N.

Coordinator

Medical Physics Division

Mangalore University



CMPI REFRESHER COURSE IN MEDICAL PHYSICS

Organised by: **Medical Physics Division, Mangalore University, Mangalagangotri – 574 199, Karnataka**

Sponsored by: **Association of Medical Physicists of India (AMPI), Date: October 28 & 29, 2023**

ATTENDANCE DETAILS

Sl. No.	Name	Gender	Institution	28.10.2023		29.10.2023	
				FN	AN	FN	AN
1.	Anna V P	Female	Calicut University	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2.	Rahila Sherin KP	Female	University of Calicut, Malappuram, Kerala-673635	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3.	Swafvana Mehboob Koonmathodika	Female	University of Calicut, Malappuram, Kerala	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4.	Shahna T	Female	University of Calicut, Kerala, India 673635	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5.	Selcia S	Female	Anna University Chennai				
6.	Leel Malar R	Female	Manipal University				

1

7.	Aysha Thasneem N	Female	University of Calicut, Kozhikode, Kerala 673635	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8.	Sreena M	Female	Calicut University Campus	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9.	Kcerthi E S	Female	Malabar Cancer Center	<i>[Signature]</i>	<i>[Signature]</i>		
10.	Rima Singhamahapatra	Female	Christian Medical College, Vellore, Tamilnadu	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11.	Elizebeth Joseph	Female	Muthoot Cancer Centre Pathanamthitta	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12.	Shweta Dahake	Female	Datta Meghe Institute of Higher Education and Research, Maharashtra	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13.	Ranjima A	Female	Calicut university	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14.	Alphonsa K V	Female	Malabar Cancer Centre	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15.	Sreelakshmi K	Female	MVR Cancer Centre and Research Institute, Calicut.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16.	Ashna K	Female	Christian Medical College, Vellore, Tamilnadu	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17.	Shalin Udaya U	Female	Christian Medical College, Vellore, Tamilnadu	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18.	Alma Peter	Female	Amrita Institute of Medical Science Kochi	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19.	Radhika R Menon	Female	Bharat Cancer Hospital, Surat, Gujarat	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20.	Afcefa P S	Female	Mumbai, Maharashtra	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21.	Banupriya	Female	H-61 Hudco colony, Peelamedu, Coimbatore	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

2

22.	Agila Mariam Gil	Female	MJKM Cancer Research Centre, Cherthala, Alappuzha				
23.	Juliyet K Joy	Female	Manipal Hospital Bangalore				
24.	Dr. C. Senthamil Selvan	Male	Sri Balaji Vidyapeeth (Deemed to be University), Pondicherry	<i>Sub</i>	<i>Sub</i>		
25.	Kesavan G	Male	Vadamalayan Hospital, Madurai	<i>Y</i>	<i>Y</i>		
26.	G Balaji	Male	G.Kuppusamy Naidu Memorial Hospital, Coimbatore	<i>G. Balaji</i>	<i>G. Balaji</i>	<i>G. Balaji</i>	<i>G. Balaji</i>
27.	Amal Jose	Male	Regional Cancer Centre, Trivandrum	<i>Amal</i>	<i>Amal</i>	<i>Amal</i>	<i>Amal</i>
28.	Nahie Ashraf Mir	Male	University of Calicut, Kerala	<i>Nahie</i>	<i>Nahie</i>	<i>Nahie</i>	<i>Nahie</i>
29.	Silas Ebeneser V	Male	Christian Medical College, Vellore, Tamil Nadu	<i>Silas</i>	<i>Silas</i>	<i>Silas</i>	<i>Silas</i>
30.	Haridharan S	Male	Christian Medical College, Vellore, Tamilnadu	<i>Silas</i>	<i>Silas</i>	<i>Silas</i>	<i>Silas</i>
31.	L Silpa	Female	Amrita Institute of Medical Sciences Kochi Ernakulam	<i>L Silpa</i>	<i>L Silpa</i>	<i>L Silpa</i>	<i>L Silpa</i>
32.	Arathy S	Female	Amrita Institute Of Medical Sciences, Edappally, Kochi, Kerala	<i>L Silpa</i>	<i>L Silpa</i>	<i>L Silpa</i>	<i>L Silpa</i>
33.	Arun Adhikari	Male	Amrita Institute of Medical Science and research	<i>Arun</i>	<i>Arun</i>	<i>Arun</i>	<i>Arun</i>
34.	Unnimaya VS	Female	Amrita Institute of Medical Sciences Kochi Ernakulam	<i>Arun</i>	<i>Arun</i>	<i>Arun</i>	<i>Arun</i>
35.	Vaibhav Soni	Male	Amrita Institute Of Medical Science	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>
36.	Akash TG	Male	Amrita Institute of Medical Sciences Kochi Ernakulam	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>

37.	Karunya A S	Female	A J Hospital and Research Centre, Mangalore	<i>Karunya</i>	<i>Karunya</i>	<i>Karunya</i>	<i>Karunya</i>
38.	Doddi Divakarbabu	Male	Amrita Institute of Medical Sciences and Research Center	<i>Doddi</i>	<i>Doddi</i>	<i>Doddi</i>	<i>Doddi</i>
39.	Aparna P K	Female	MIO Hospital, Mangalore	<i>Aparna</i>	<i>Aparna</i>	<i>Aparna</i>	<i>Aparna</i>
40.	Nisha K R	Female	AJ Hospital and Research Centre, Mangalore.	<i>Nisha</i>	<i>Nisha</i>	<i>Nisha</i>	<i>Nisha</i>
41.	Mayura S	Female	Amrita Institute of Medical sciences	<i>Mayura</i>	<i>Mayura</i>	<i>Mayura</i>	<i>Mayura</i>
42.	Shylvea Shalom Pandian S.	Female	Father Muller's Medical College & Hospital	<i>Shylvea</i>	<i>Shylvea</i>	<i>Shylvea</i>	<i>Shylvea</i>
43.	Yashmitha K.	Female	Father Muller's Medical College & Hospital	<i>Yashmitha</i>	<i>Yashmitha</i>	<i>Yashmitha</i>	<i>Yashmitha</i>
44.	Karthik M. K.	Male	Medical Physics Mangalore University	<i>Karthik</i>	<i>Karthik</i>	<i>Karthik</i>	<i>Karthik</i>
45.	Deeksha K.	Female	Medical Physics Mangalore University	<i>Deeksha</i>	<i>Deeksha</i>	<i>Deeksha</i>	<i>Deeksha</i>
46.	Ashwini K.	Female	Medical Physics Mangalore University	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>

47. Nisha

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